

HTE# 10-5-25778

Harnett County Department of Public Health Improvement Permit

26379

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: ADVANTAGE PLUS HOUSING PROPERTY LOCATION: NC 24/27
 NEW REPAIR EXPANSION SUBDIVISION: _____ LOT # 2
 Type of Structure: MOO (32x76) Site Improvements required prior to Construction Authorization Issuance: _____
 Proposed Wastewater System Type: CONVENTIONAL
 Projected Daily Flow: 480 GPD
 Number of bedrooms: 3 Number of Occupants: 5 max
 Basement Yes No
 Pump Required: Yes No May be required based on final location and elevations of facilities
 Type of Water Supply: Community Public Well Distance from well 100 feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 12/23/10 SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: ADVANTAGE PLUS HOUSING PROPERTY LOCATION: NC 24/27
 SUBDIVISION _____ LOT # 2
 Facility Type: MOO (32x76) New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** CONVENTIONAL (Initial) Wastewater Flow: 480 GPD
 (See note below, if applicable
CONVENTIONAL (Repair)

Installation Requirements/Conditions

| | | |
|--|---|--|
| Septic Tank Size <u>EXISTING</u> gallons | Number of trenches _____ | Trench Spacing: _____ Feet on Center |
| Pump Tank Size _____ gallons | Exact length of each trench <u>50</u> feet | Soil Cover: _____ inches |
| | Trenches shall be installed on contour at a | (Maximum soil cover shall not exceed |
| | Maximum Trench Depth of: <u>MATCH CURRENT LINE</u> inches | 36" above the trench bottom) |
| | (Trench bottoms shall be level to +/- 1/4" in all directions) | |
| Pump Requirements: _____ ft. TDH vs. _____ GPM | | Aggregate Depth: _____ inches below pipe |
| | | _____ inches above pipe |
| Conditions: <u>50 FEET OF DRAIN LINE TO BE ADDED TO END OF CURRENT DRAIN LINE. CURRENT LINE FLAGGED. CALL PRIOR TO INSTALLATION WITH QUESTIONS</u> | | _____ inches total |

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature] Date: 12/23/10
Construction Authorization Expiration Date: 12/23/15

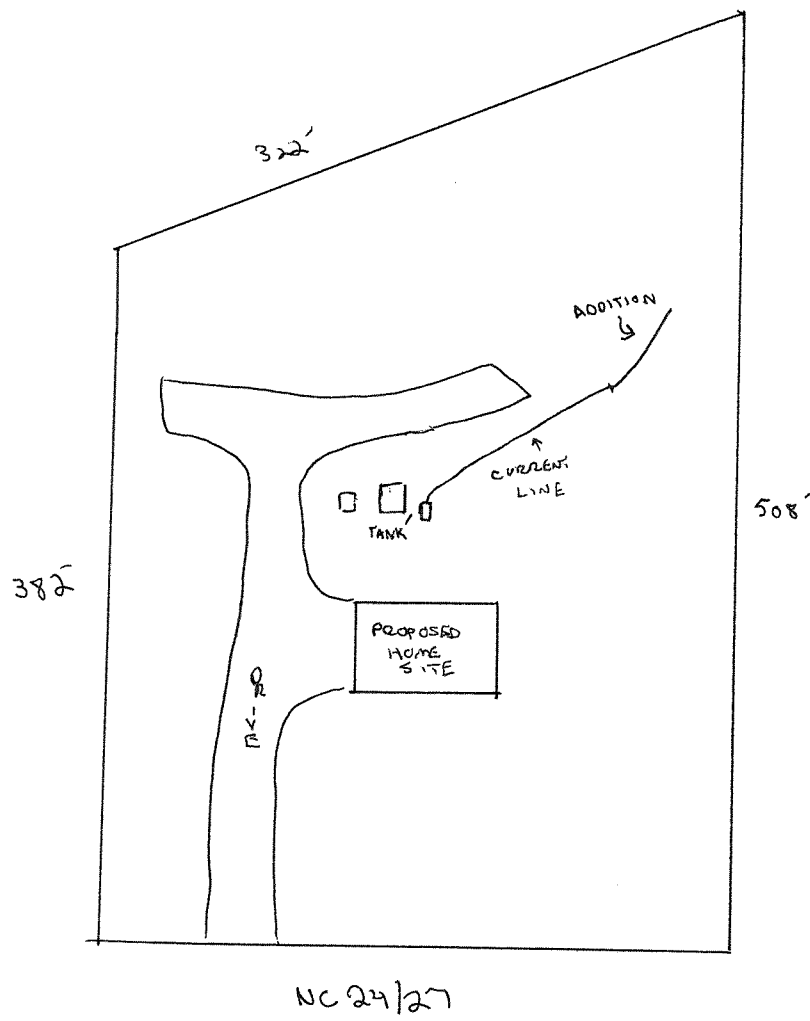
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Harnett County Department of Public Health Site Sketch

ISSUED TO: ADVANTAGE PLUS HOUSING SUBDIVISION NC 24/27 LOT # 2

Authorized State Agent: [Signature] RENS (OLIVER TOLKSDORF) Date: 12/23/10



SOIL EVALUATION REPORT

Date: 10/25/10

Owner: Russell W. Gilchrist and wife Odile J. Gilchrist

Location: NC HWY 24/27 Harnett County, NC

Project: Subdividing 11.02 acre Tyner Tract into three lots.

A site evaluation was conducted on a 11.02 acre tract for Mr. Russell J. Gilchrist located on NC hwy 24/27 in Harnett County, NC. The purpose of the site evaluation was to determine soil suitability for subsurface sewage disposal. Harnett County public water is available to the proposed lots.

Lot Numbers One and Three

The site evaluation conducted on lot numbers one and three identified an area of suitable soil that should be sufficient for the initial system and repair of a conventional septic system for a four bedroom home. Soil profiles augured across the lots indicated 48" of loamy sand to sandy loam soil. The LTAR should range from .7g/ft² to .8 g/ft², and the slope ranges from 3% to 5%.

Lot Number Two

Lot number two currently has a doublewide mobile home with an existing well and septic system. The original septic system permit could not be located by the Harnett County Health Department. The septic tank was uncovered and a 3 ft. X 150 ft. drain line was probed out and flagged. A small storage building is located on the edge of the septic tank and should be moved to at least 5 ft. from the tank. The tank should be pumped, the "tee" and the pipe leading from the tank to the drain line checked.

The existing drain line is located at least ten feet from the proposed property line of lot two and three. Sufficient area of suitable soil was located for the expansion and repair of a conventional septic system for a four bedroom

home. Soil profiles indicated 48" of sandy loam to loamy sand soil with an application rate of .7g/ft² to .8 g/ft². The slope ranges from 3% to 5%.

These determinations were made in accordance with 15A NCAC 18A .1900 Laws and Rules for Sewage Treatment and Disposal Systems. Due to variations in citing specific uses, and potential for changes in regulations or soil conditions, issuance of an Improvement Permit by the Harnett County Health Department is not guaranteed.

Report submitted by:

James Shackleton

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